## INDEX—VOLUME 20


Aphid, A New Maple, and Some Aphid Records ..... 24
**Artemisaphis artemisicola** (Williams) ... 26

Beamer, R. H., Article by ..... 58
Butterflies, Notes on Kansas, with Description of a New Subspecies ..... 93

**Chalaenius** (Coleoptera-Carabidae), An Undescribed Eversible Gland in the Larvae of ..... 142
Chu, H. F., Article by ..... 154
Corixidae, A New Genus of ..... 93
**Cymatia**, A New Species from Australia ..... 154

Dean, George A., Article by ..... 41
**Delphacodes**, Some New Species of, with Two Old Ones (continued) .... 58
Diptera, New Genera and Species of Muscoid ..... 15
Diptera, New North American Muscoid ..... 95
Dorilaidae (Pipunculidae-Diptera), Notes and Descriptions of ..... 146

Grasshopper, Injury to Raspberry by a Meadow ..... 86
Grouse Locusts, The ..... 127
Grundemann, Albert W., Article by .. 77

Hayes, William P., Article by ..... 142
Hardy, D. Elmo, Articles by ..... 1, 72, 146
Hill, Roscoe E., Article by ..... 88
Hungerford, H. B., Articles by ..... 93, 154

Kelly, E. G., Article by ..... 41
Knowlton, George F., Articles by ... 24, 26

**Leptoteromyia** (Asilidae-Diptera), The Genus ..... 72

McGuire, J. U., Article by ..... 1
Miner, Floyd D., Article by ..... 86

Nabours, Robert K., Article by ..... 127

Penner, Lawrence R., Article by ..... 30
**Pentagramma**, Some Notes on the Genus, and Four New Species (Homoptera-Delphacidae-Asiracinae) .. 30
Psyllid Outbreak of 1938 in Nebraska, An Unusual Weather Sequence Accompanying the ..... 88
**Ptiolina (Rhagionidae-Diptera)**, The Nearctic ..... 1

Reinhard, H. F., Articles by ..... 15, 95
Roberts, R. S., Article by ..... 26

Sanderson, Milton W., Article by ..... 27
Smith, Roger C., Article by ..... 41
**Stilicolina** Casey (Coleoptera, Staphlyinidae), The North American Species of ..... 27
Stallings, Don B., Article by ..... 93
Summary, The Sixteenth or 1946 Annual Insect Population of Kansas ... 41

**Triatoma sanguisuga** (LeConte) in Kansas, (Reduviidae, Hemiptera), Studies on the Biology of ..... 77
Turner, J. R., Article by ..... 93

Index to Volume 20 ..... 158

## INDEX—VOLUME 20


Aphid, A New Maple, and Some Aphid Records ..... 24
**Artemisaphis artemisicola** (Williams) ... 26

Beamer, R. H., Article by ..... 58
Butterflies, Notes on Kansas, with Description of a New Subspecies ..... 93

**Chalaenius** (Coleoptera-Carabidae), An Undescribed Eversible Gland in the Larvae of ..... 142
Chu, H. F., Article by ..... 154
Corixidae, A New Genus of ..... 93
**Cymatia**, A New Species from Australia ..... 154

Dean, George A., Article by ..... 41
**Delphacodes**, Some New Species of, with Two Old Ones (continued) .... 58
Diptera, New Genera and Species of Muscoid ..... 15
Diptera, New North American Muscoid ..... 95
Dorilaidae (Pipunculidae-Diptera), Notes and Descriptions of ..... 146

Grasshopper, Injury to Raspberry by a Meadow ..... 86
Grouse Locusts, The ..... 127
Grundemann, Albert W., Article by .. 77

Hayes, William P., Article by ..... 142
Hardy, D. Elmo, Articles by ..... 1, 72, 146
Hill, Roscoe E., Article by ..... 88
Hungerford, H. B., Articles by ..... 93, 154

Kelly, E. G., Article by ..... 41
Knowlton, George F., Articles by ... 24, 26

**Leptoteromyia** (Asilidae-Diptera), The Genus ..... 72

McGuire, J. U., Article by ..... 1
Miner, Floyd D., Article by ..... 86

Nabours, Robert K., Article by ..... 127

Penner, Lawrence R., Article by ..... 30
**Pentagramma**, Some Notes on the Genus, and Four New Species (Homoptera-Delphacidae-Asiracinae) .. 30
Psyllid Outbreak of 1938 in Nebraska, An Unusual Weather Sequence Accompanying the ..... 88
**Ptiolina (Rhagionidae-Diptera)**, The Nearctic ..... 1

Reinhard, H. F., Articles by ..... 15, 95
Roberts, R. S., Article by ..... 26

Sanderson, Milton W., Article by ..... 27
Smith, Roger C., Article by ..... 41
**Stilicolina** Casey (Coleoptera, Staphlyinidae), The North American Species of ..... 27
Stallings, Don B., Article by ..... 93
Summary, The Sixteenth or 1946 Annual Insect Population of Kansas ... 41

**Triatoma sanguisuga** (LeConte) in Kansas, (Reduviidae, Hemiptera), Studies on the Biology of ..... 77
Turner, J. R., Article by ..... 93

Index to Volume 20 ..... 158